

# the Essential

Sanitize & Deodorize While You Vacuum  
Twice the Clean in Half the Time

## Owner's Manual



Bed Bugs  
& Eggs



Dust Mite &  
Flea Eggs



Influenza A  
(H1N1)



E. coli



MRSA

**CleanWave** <sup>®</sup>  
Sanitizing Bagless Vacuum

VH04WW1

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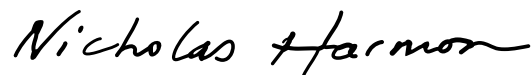
Dear Customer,

Thank you for purchasing the Verilux CleanWave® Sanitizing Bagless Vacuum. You have received an innovative and quality manufactured product, backed by a five year limited warranty.

Many other healthy lighting products are available through our catalog and online. Visit us on the web at [www.verilux.com](http://www.verilux.com) to request a free catalog and learn more about all our quality Verilux products, or call our toll-free number 1-800-454-4408.

As a Verilux customer, your satisfaction means everything to us. We look forward to serving you now and in the future.

Have a Bright Day!



Nicholas Harmon  
President, Verilux, Inc.

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## SAVE THESE INSTRUCTIONS.

### READ ALL INSTRUCTIONS BEFORE USING YOUR CLEANWAVE® SANITIZING BAGLESS VACUUM.

When using an electrical appliance, the following basic safety precautions should always be observed.


 **WARNING:** To reduce the risk of fire, electric shock or injury:


- Follow all labels and instructions.
- For household use only.
- Use only as described in this manual. Use only manufacturer's recommended attachments.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Never pick up or turn the Sanitizing Power Head over while the Sanitizing Light Bulb is in use.
- Never touch the bottom of the Sanitizing Power Head while it is in use. After use, allow to cool before handling.
- Turn off all controls before unplugging and storing your CleanWave Sanitizing Bagless Vacuum.
- Never run your CleanWave Sanitizing Bagless Vacuum over its own cord.
- Hold plug when rewinding onto cord reel. Do not allow plug to whip when rewinding.
- Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
- Never place — or allow children to place — any objects into any openings of the CleanWave Sanitizing Bagless Vacuum cleaner.
- Exercise caution when vacuuming near rug edges and fringe.
- Do not vacuum anything that is burning or smoking, such as cigarettes, matches or hot ashes.
- Never use the suction to pick up small objects such as coins, screws, paper clips or similar items.
- Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
- Do not use outdoors or on wet surfaces. Use only on dry, indoor surfaces.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Do not use with a damaged cord or plug. If appliance is not working as it should, has been dropped, left outdoors or dropped into water, return it to a service center per Verilux customer service.
- To reduce the risk of electric shock, this appliance has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.
- Do not pull or carry cord, use cord as a handle, close a door on cord or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.


# 1. Important Safety Instructions — continued

- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Do not handle plug or appliance with wet hands.
- Turn off all controls before unplugging.
- Use extra care when cleaning on stairs.
- Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Do not use without dirt cup and filters in place.
- Store the CleanWave® Sanitizing Bagless Vacuum indoors. Put the CleanWave Sanitizing Bagless Vacuum away after use to prevent tripping accidentally.
- Using improper voltage may result in damage to the motor and electronics and possible injury to the user. The correct voltage is listed on the rating label.
- This CleanWave Sanitizing Bagless Vacuum is provided with double insulation. Use only identical replacement parts. See instructions for Servicing of Double-Insulated Appliances.
- This CleanWave Sanitizing Bagless Vacuum is not intended for use by persons, including children, who are not mentally able, physically capable, or who do not understand the product.
- Not for use by children. Keep this product away from children and infants.
- Do not ride on or drop this product.
- Do not set any materials or objects on top of the CleanWave Sanitizing Bagless Vacuum.
- If there are abnormal product sounds, smells or fumes, unplug the device immediately and contact customer service.
- To prevent fire or shock hazard, do not expose this product to rain or excessive moisture.
- All user-serviceable parts are listed in Table 7-1. For servicing non-user-serviceable parts, please refer to qualified service personnel.
- Servicing is required when the apparatus is damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- There are a number of floor sensors on the underside of the unit. These floor sensors prevent the Sanitizing Light Bulb from activating when the product is removed from the cleaning surface. The Sanitizing Light Bulb will re-activate when placed back on a cleaning surface.
- For your safety, DO NOT attempt to manually override the floor sensors.
- DO NOT point the Sanitizing Power Head directly at your or anyone's face or skin.
- Do not touch the Sanitizing Light Bulb during or directly after use; it may be hot and may burn.
- Never use this device on pets.
- Allow bulb to cool before replacing.

## 1. Important Safety Instructions — continued

 **WARNING:** Do not override vacuum safety features — prolonged and direct exposure to UV-C light can cause serious skin burn and eye inflammation. Direct light radiation from the bulbs used in this vacuum is harmful to the eyes and skin. Do not attempt to override or defeat safety mechanisms exposing eyes or skin to direct UV-C light.

 **WARNING:** Be careful to not break the bulb. UV-C light bulbs contain a small amount of mercury, which can cause injury if inhaled or ingested.

 **WARNING:** The UV-C light bulb used in this vacuum contains a small amount of mercury, which is a chemical known to the state of California to cause birth defects or other reproductive harm.

**CAUTION:** Overriding of vacuum safety features may result in overexposure of UV-C Light. Overexposure may degrade plastic, rubber and carpet and may cause colors to fade.

### **DANGER**

**Ultraviolet (UV-C) Radiation Hazard**

**Overexposure will cause significant eye damage and may cause skin damage.**

**Do not look into UV-C light source.**

### **WARNING** **POTENTIAL MOLD SPORE RELEASE**

**Application of UV-C light to existing mold growth can cause respiratory irritation and allergic symptoms. Do not use UV-C light where active mold growth exists. Remove active mold growth from surfaces prior to exposure.**

# 1. Instructions de sécurité importantes

## CONSERVER CES INSTRUCTIONS

### LIRE TOUTES LES INSTRUCTIONS AVANT D'UTILISER L'ASPIRATEUR DÉSINFECTANT CLEANWAVE®

Les précautions élémentaires suivantes doivent toujours être prises lors de l'utilisation d'un appareil électrique.

 **AVERTISSEMENT :** Pour réduire le risque d'incendie, de décharge électrique ou de blessure :


- Observer tous les avertissements qui figurent sur les étiquettes et toutes les instructions.
- À usage domestique uniquement.
- Utiliser comme décrit dans ce manuel. Utiliser uniquement les accessoires recommandés par le fabricant.
- Garder les cheveux, vêtements lâches, doigts et toute autre partie du corps à l'écart des ouvertures et pièces mobiles de l'appareil.
- Ne jamais saisir ou tourner l'électrobrosse désinfectante pendant que l'ampoule UV-C est allumée.
- Ne jamais toucher le bas de l'électrobrosse désinfectante pendant qu'elle fonctionne. Après son utilisation, la laisser refroidir avant de la manipuler.
- Mettre toutes les commandes hors fonction avant de débrancher et de ranger votre aspirateur désinfectant.
- Ne jamais passer l'aspirateur désinfectant sur son cordon d'alimentation.
- Tenir la fiche en rembobinant le fil. Ne pas laisser la fiche fouetter l'air en rembobinant le fil.
- Ne pas insérer d'objet dans les ouvertures de l'appareil. Ne pas utiliser un appareil dont une ouverture est bloquée; garder l'appareil libre de toute saleté, des peluches, cheveux ou de tout autre corps pouvant réduire le débit d'air.
- Ne jamais placer ou permettre aux enfants de placer des objets dans les ouvertures de l'aspirateur désinfectant. Faire preuve de prudence en passant l'aspirateur sur le bord des tapis et à proximité de franges.
- Ne pas aspirer avec l'appareil tout objet ou toute substance qui brûle ou fume, comme des mégots de cigarette, des allumettes ou des cendres chaudes.
- Ne jamais utiliser la succion pour ramasser de petits objets comme des pièces de monnaie, des vis, des trombones ou autres articles similaires.
- Ne jamais laisser l'appareil branché sans surveillance. Le débrancher de la prise lorsqu'il n'est pas utilisé ou avant d'effectuer son entretien.
- Ne pas utiliser cet appareil à l'extérieur ou sur des surfaces mouillées. Utiliser uniquement sur des surfaces sèches, à l'intérieur.
- Ne pas permettre que cet appareil soit utilisé comme un jouet.
- Faire preuve de grande prudence lorsque l'appareil est utilisé par des enfants ou à proximité d'enfants.
- Ne pas utiliser si le cordon ou la fiche est endommagé. Si l'appareil ne fonctionne pas correctement, qu'il a été échappé, laissé à l'extérieur ou plongé dans l'eau, le retourner dans un centre de réparation selon les instructions du service à la clientèle de Verilux.

# 1. Instructions de sécurité importantes — suite


- Pour réduire le risque de décharge électrique, cet appareil est muni d'une fiche polarisée (une broche est plus large que l'autre). La fiche ne s'insère dans une prise polarisée que dans une seule direction. Si la fiche ne s'insère pas complètement dans la prise, l'essayer dans l'autre sens. Si elle ne s'insère toujours pas, contacter un électricien qualifié pour qu'il pose une prise adéquate. Ne pas modifier la fiche de quelque façon que ce soit.
- Ne pas tirer ou saisir l'appareil par son cordon, se servir de ce dernier comme d'une poignée, fermer une porte sur le cordon ou tirer celui-ci autour d'un coin et d'un bord coupant. Ne pas passer l'appareil sur le cordon. Garder le cordon à l'écart des surfaces chauffées.
- Ne pas débrancher l'appareil en tirant sur le cordon. Saisir la fiche pour débrancher l'appareil, et non le cordon.
- Ne pas manipuler la fiche ou l'appareil avec les mains mouillées.
- Mettre toutes les commandes hors fonction avant de débrancher l'appareil.
- Faire preuve de prudence en passant l'aspirateur dans les escaliers.
- Ne pas utiliser l'appareil pour aspirer des liquides inflammables ou combustibles comme de l'essence ou ne pas l'utiliser dans des endroits où de telles substances pourraient être présentes.
- Ne pas utiliser l'appareil sans le vide-poussière et les filtres.
- Ranger l'aspirateur désinfectant à l'intérieur. Ranger l'aspirateur désinfectant après son usage pour éviter les risques de trébuchement.
- L'utilisation d'une tension inadéquate peut entraîner des dommages au moteur et des blessures possibles à l'utilisateur. La bonne tension est indiquée sur l'étiquette de tension nominale.
- Cet aspirateur désinfectant est doublement isolé. N'utiliser que des pièces de rechange identiques. Consulter les instructions sur la façon de réparer ou d'effectuer l'entretien d'appareils doublement isolés.
- Cet aspirateur désinfectant n'a pas été prévu pour être utilisé par des personnes, y compris les enfants, qui ont une incapacité mentale ou physique ou qui ne comprennent pas comment se servir du produit.
- Usage non prévu par des enfants.
- Garder cet appareil hors de portée des enfants et bébés.
- Ne pas monter sur cet appareil et ne pas l'échapper au sol.
- Ne pas poser d'articles ou d'objets sur le dessus de l'aspirateur désinfectant.
- Si l'appareil produit des odeurs, des vapeurs ou des sons anormaux, le débrancher immédiatement et communiquer avec le service à la clientèle.
- Pour prévenir les risques d'incendie ou de décharge électrique, ne pas exposer l'appareil à la pluie ou à une humidité excessive.
- Toutes les pièces utiles d'utilisateur sont énumérées à la Table 7-1. Pour les pièces utiles de service de non-utilisateur, référez-vous svp au personnel de service qualifié.

## 1. Instructions de sécurité importantes — suite

- Une réparation est nécessaire si l'appareil est endommagé, par exemple, si le cordon ou la fiche du cordon est endommagé, si un liquide a été renversé ou si des objets sont tombés dans l'appareil, si ce dernier a été exposé à la pluie ou à l'humidité, s'il ne fonctionne pas normalement ou s'il a été échappé.
- L'appareil est doté d'un certain nombre de commutateurs de sécurité sous l'unité. Trois commutateurs empêchent l'activation de l'ampoule UV-C lorsque l'appareil est retiré de la surface à nettoyer. L'ampoule UV-C se réactive lorsque l'appareil est de nouveau placé sur la surface à nettoyer.
- Pour votre sécurité, NE PAS tenter de neutraliser manuellement les commutateurs de sécurité.
- NE PAS diriger l'électrobrosse désinfectante vers le visage ou la peau de quelqu'un.
- Ne pas toucher l'ampoule UV-C pendant son utilisation ou immédiatement après, car elle peut être chaude et vous brûler.
- Ne jamais utiliser cet appareil sur un animal de compagnie.
- Laisser l'ampoule refroidir avant de la remplacer.

 **AVERTISSEMENT :** Ne pas remplacer les dispositifs de sécurité à vide - une exposition prolongée et directe à la lumière UV-C peut causer de graves brûlures de peau et une inflammation oculaire. Direct rayonnement lumineux des ampoules utilisées dans ce vide est nocif pour les yeux et la peau. Ne pas essayer de remplacer ou de la défaire des mécanismes de sécurité exposant les yeux ou la peau de diriger la lumière UV-C.

 **AVERTISSEMENT :** Prendre soin de ne pas briser l'ampoule. Les ampoules UV-C contiennent une petite quantité de mercure qui peut causer des blessures s'il est inhalé ou ingéré.

 **AVERTISSEMENT :** L'ampoule UV-C utilisée dans cet aspirateur contient une petite quantité de mercure, une substance chimique reconnue par l'État de la Californie comme causant des anomalies congénitales ou étant nocif pour l'appareil reproducteur.

**MISE EN GARDE :** Remplacement des dispositifs de sécurité à vide peut entraîner une surexposition de la lumière UV-C. La surexposition peut se dégrader en plastique, du caoutchouc et de tapis et peut altérer les couleurs.



### **DANGER**

**Risque de rayonnement ultraviolet (UV-C)**

**La surexposition causera des lésions importantes aux yeux et possiblement à la peau.**

**Ne pas regarder directement une source de lumière UV-C.**

### **AVERTISSEMENT** LIBÉRATION POTENTIELLE DE SPORES DE MOISSURE

**L'application d'une lumière UV-C sur des moisissures existantes peut causer une irritation respiratoire et des symptômes allergiques. Ne pas utiliser de lumière UV-C en présence d'infestation active de moisissure. Éliminer les moisissures des surfaces avant l'exposition.**

## 2. CleanWave® Sanitizing Bagless Vacuum

### 2.1 Introduction

Your new Verilux® CleanWave Sanitizing Bagless Vacuum is both a convenient and powerful vacuum with Ultraviolet (UV-C) Light Technology to sanitize, deodorize and eliminate harmful germs while cleaning your carpets, upholstery and floors.

As a vacuum, the combination of powerful suction and sanitizing light quickly removes dust and dirt and kills germs on surfaces. It also kills bed bugs, dust mite eggs and bed bug eggs on surfaces — a leading cause of asthmatic and allergic\* reactions.

### 2.2 Special Functions

Your new Verilux CleanWave Sanitizing Bagless Vacuum features include:

- A powerful Ultraviolet (UV-C) illumination system that with regular use can eliminate up to 99.9%<sup>†</sup> of germs, including H1N1 and MRSA<sup>††</sup> on surfaces.
- Specially designed floor sensor safety switches that prevent direct exposure to UV-C light, assuring your vacuum is always safe to operate. **Note:** do not override these floor sensor safety switches.
- A sanitizing vacuum that removes germs and mold, and kills bed bug, dust mite and flea eggs.
- Easy-to-empty dirt cup. No messy bags.
- Multi-stage Filtering: The Cone Filter captures long fibers such as pet hair while the Sponge Filter captures large particles. The HEPA-12 Pre-Filter captures small particles and keeps the canister motor clean while the HEPA-12 Exhaust Filter assures only clean air is expelled into the room with 99.5% efficiency.
- Deodorizes and removes dangerous allergens\*.
- Perfect for use on carpets and hard floors.

\* *Effective on allergens such as mold, bed bugs, dust mite eggs and bed bug eggs.*

† *Eliminates 99.9% of germs, viruses and other micro-organisms on non-porous surfaces. Time required to reach 99% on porous surfaces is dependent upon surface and microbial type.*

†† *Specifically tested on methicillin resistant Staphylococcus aureus ATCC 33592.*

### 3. Carton Contents

Remove all parts from the carton and identify each item as shown below.  
Make sure all items are removed before recycling the packaging material.

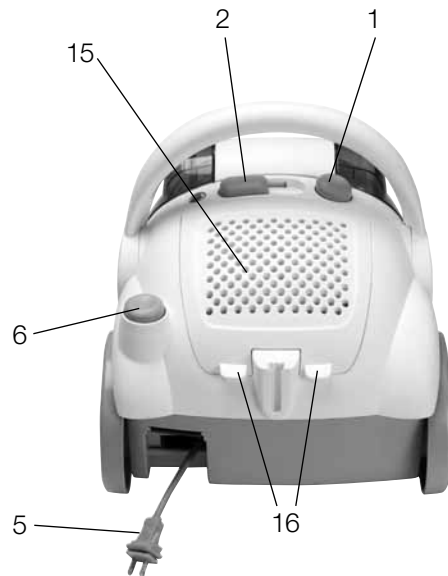
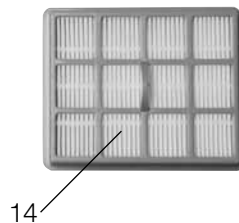
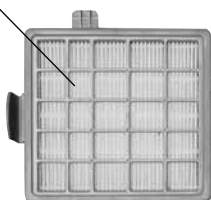
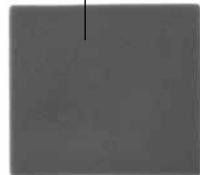
1. Sanitizing Power Head
2. Vacuum Canister
3. Handle and Hose
4. Telescoping Wand
5. Crevice Tool, Dusting Brush and Upholstery Tool
6. Owner's Manual, Other Literature



## 4. Features

### 4.1 Vacuum Canister

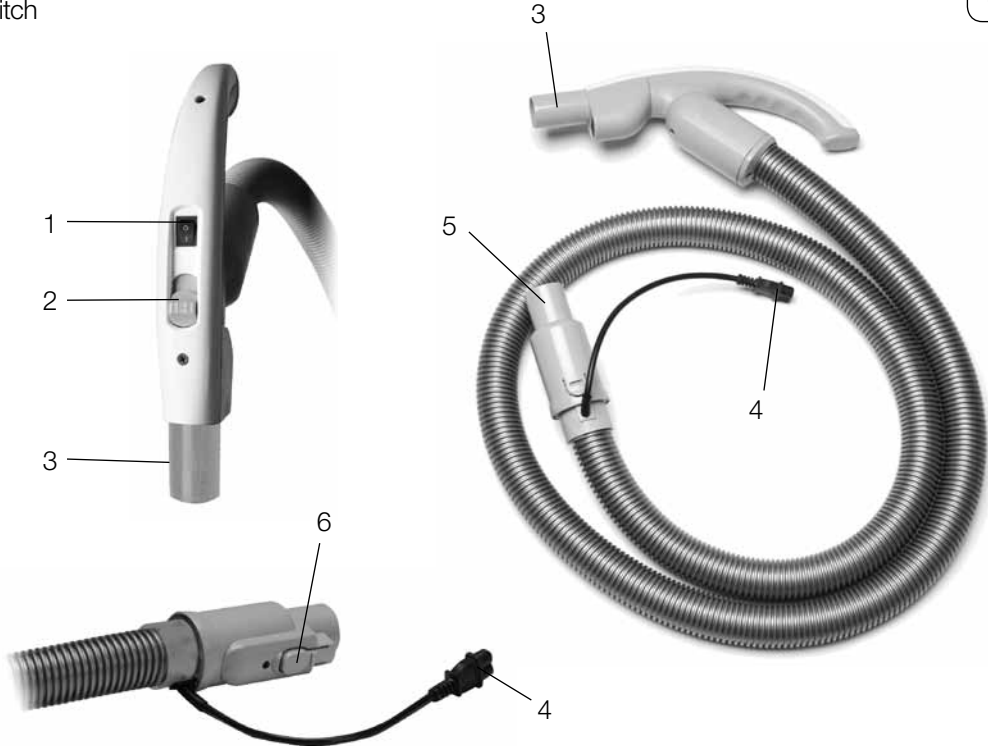
1. ON/OFF Switch
2. Suction Control Slider
3. Low Airflow Indicator
4. Canister Handle
5. Retractable Power Cord
6. Cord Rewind Button
7. Dirt Cup
8. Release Latch
9. Canister Inlet
10. Canister Power Receptacle
11. Sponge Filter
12. HEPA-12 Pre-Filter
13. Cone Filter
14. HEPA-12 Exhaust Filter
15. Filter Access Panel
16. Access Panel Tabs



4.1

### 4.2 Handle and Hose

1. Power Head ON/OFF Switch
2. Airflow Selector
3. Wand Coupler
4. Hose Power Plug
5. Canister Coupler
6. Release Button

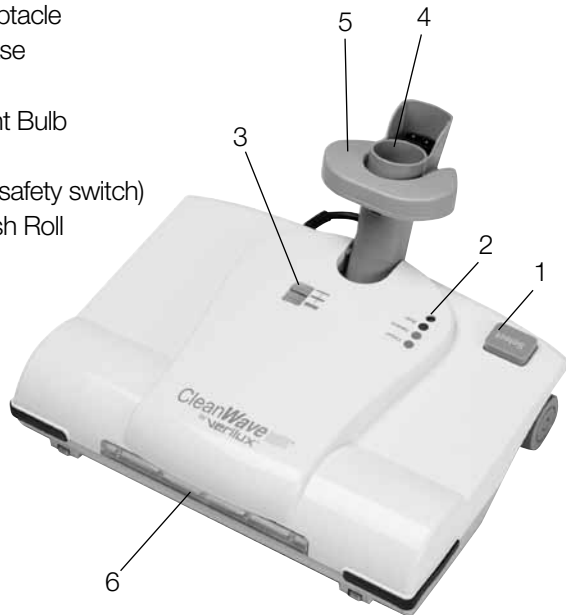


4.2

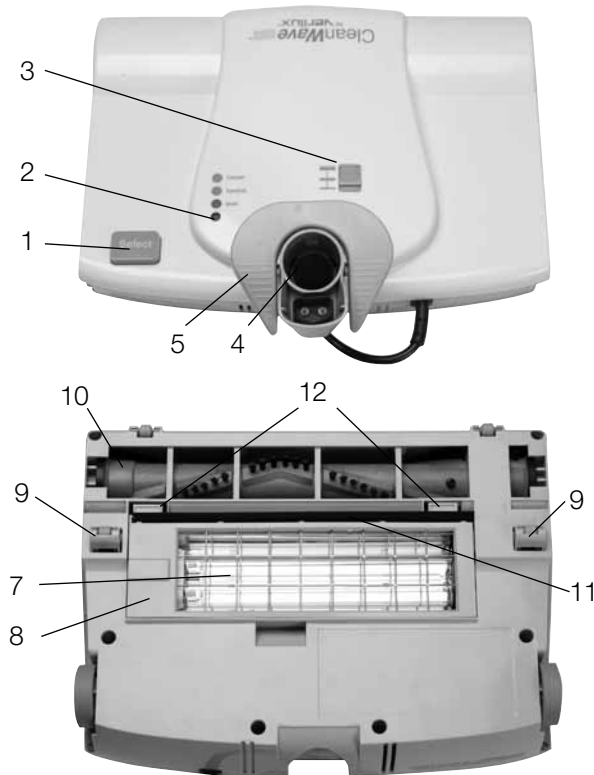
## 4. Features — continued

### 4.3 Sanitizing Power Head

1. Mode Selector Switch
2. Mode Indicator
3. Floor Selector
4. Syphon Receptacle
5. Syphon Release
6. Headlight
7. Sanitizing Light Bulb
8. Bulb Cover
9. Floor Sensor (safety switch)
10. Powered Brush Roll
11. Squeegee
12. Bulb Cover Release Tabs



4.3



### 4.4 Telescoping Wand

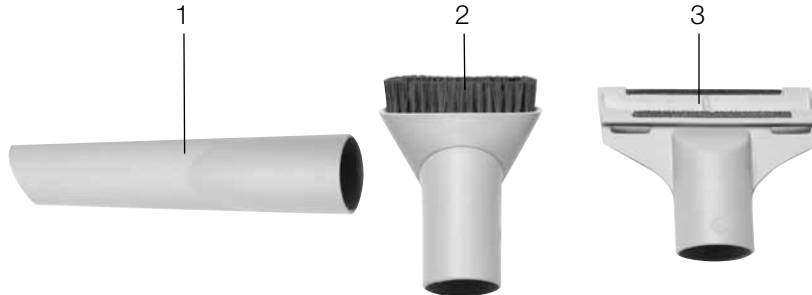
1. Wand Receptacle
2. Release Button
3. Release Cuff
4. Sanitizing Power Head Coupler



4.4

### 4.5 Accessories

1. Crevice Tool
2. Dusting Brush
3. Upholstery Tool



4.5

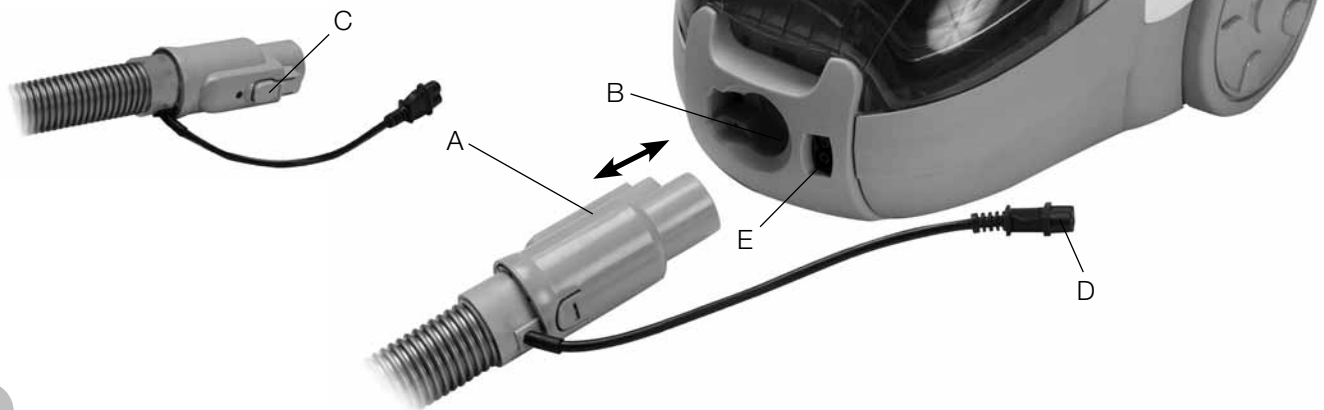
## 5. Assembly

**Note:** Before assembling or disassembling, always ensure that the CleanWave® Sanitizing Bagless Vacuum has been unplugged from the electrical outlet.

### 5.1

#### 5.1 Connecting the Hose

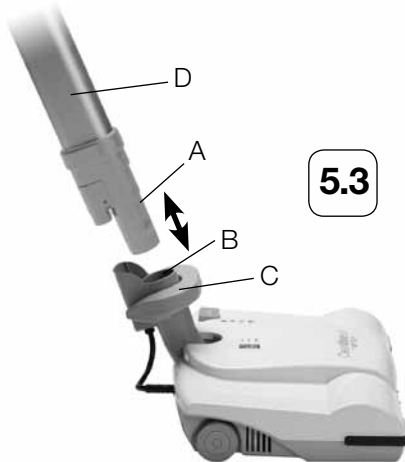
1. Align the latch of the Canister Coupler (A) with the Canister Inlet (B) and push until the latch clicks. To disconnect, press the Release Button (C) on the Canister Coupler (A) and pull out.
2. Insert the Hose Power Plug (D) into the Canister Power Receptacle (E) pressing firmly to ensure a good connection. To disconnect, grasp the Hose Power Plug (D) firmly and pull out.



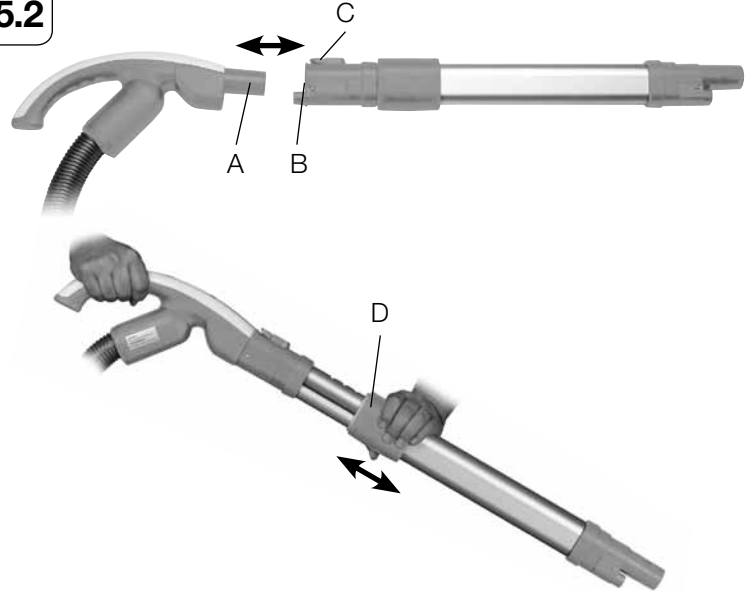


### 5.2 Connecting the Telescoping Wand

1. Align the Wand Coupler (A) with the Wand Receptacle (B) and push together until the latch clicks. To disconnect, press the Release Button (C) and pull apart.
2. To operate the Telescoping Wand, grab the Release Cuff (D) and push it forward to extend the wand and pull it back to contract the wand.



5.2



### 5.3 Connecting the Sanitizing Power Head

1. Align the Sanitizing Power Head Coupler (A) with the Syphon Receptacle (B) and push together firmly until they latch. To disconnect, depress (step on) the Syphon Release (C) and pull Wand (D) out of Syphon Receptacle (B).

## 6. CleanWave® Sanitizing Bagless Vacuum Operation

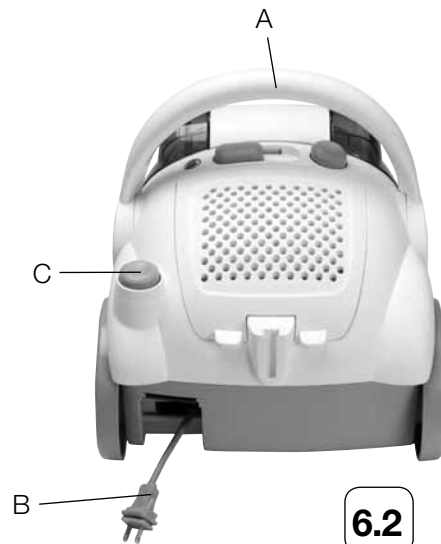
### 6.1 Handle

1. Grasp the Canister Handle (A) to move the CleanWave® Sanitizing Bagless Vacuum from room to room. Before moving, make sure the Dirt Cup is secured and the canister is unplugged from the electrical outlet.



### 6.2 Cord Release / Rewind

1. Pull on the Power Cord (B) to unwind to desired length and insert the plug into a convenient electrical outlet. The yellow mark on the Power Cord (B) shows the typical cord length. Do not pull out beyond the red mark.
2. When done vacuuming, retract the Power Cord by pressing the Cord Rewind Button (C) and guiding the Power Cord into the canister with one hand.

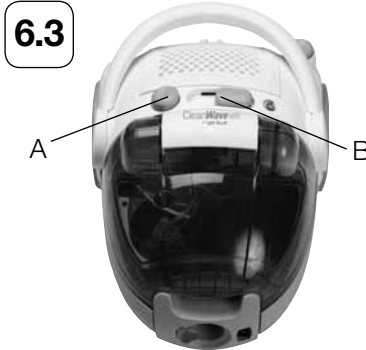


## 6. CleanWave® Sanitizing Bagless Vacuum Operation — continued

### Vacuum Suction Controls

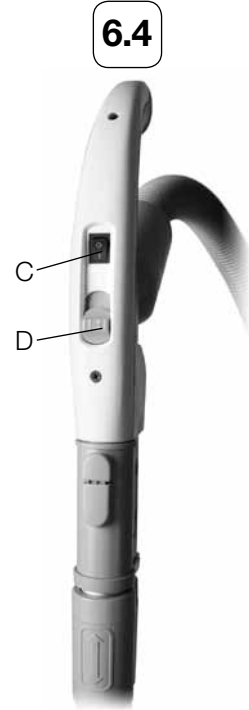
#### 6.3 Canister

1. ON/OFF Button (A)  
Press to turn the canister on and off.
2. Suction Control Slider (B)  
Slide to the maximum position (closest to ON/OFF Button) for the maximum suction power.



#### 6.4 Handle and Hose

1. Power Head ON/OFF Button (C)  
Press to turn the Sanitizing Power Head on and off.
2. Airflow Selector (D)  
Slide the Airflow Selector to the open position to reduce suction when cleaning delicate fabrics.



#### 6.5 Sanitizing Power Head

1. Floor Selector (E)  
The 3-position Floor Selector provides adjustment for the desired cleaning surface. Slide Floor Selector to match the floor type:
  - i) bare floor,
  - ii) low-pile carpet,
  - iii) high-pile carpet.



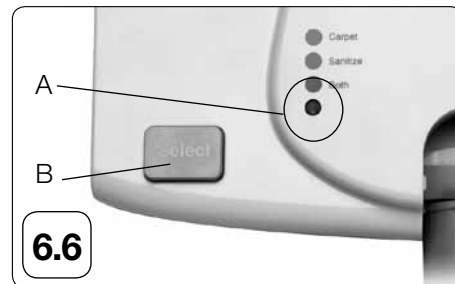
## 6. CleanWave® Sanitizing Bagless Vacuum Operation — continued

### 6.6 Operating Modes

The Sanitizing Power Head has three operating modes:

- i) Carpet,
- ii) Sanitize,
- iii) Both.

1. The Mode Indicator (A) will illuminate as one of three colors depending on the selected operating mode. The Sanitizing Power Head will be controlled as shown in Table 6-1, with the default power-up mode being Carpet Mode:



**Table 6-1. CleanWave® Sanitizing Bagless Vacuum Operating Modes.**

Operating Mode	Mode Indicator Color	Sanitizing Light	Powered Brush Roll	Suction	Function
Carpet	Red	Off	On	On	Powered Brush Roll & Suction
Sanitize	Blue	On	Off	On	Sanitizing & Suction
Both	Purple	On	On	On	Sanitizing, Powered Brush Roll & Suction
Surface Protection	Sanitize Mode (Blue) Both Mode (Purple) (slow blinking)	Off	Sanitize Mode (Off) Both Mode (On)	On	Protects surfaces from overexposure to UV-C light
Low Airflow	Red (rapid blinking)	Off	Off	On	<b>Notice:</b> Clean all filters and clear any blockages. See Section 7.

2. Press the Mode Selector Switch (B) repeatedly to select the desired operating mode.
3. Proceed to vacuum your floors and surfaces just as you normally would. You can sanitize your floors and surfaces at the same time with little or no additional effort.

## 6. CleanWave® Sanitizing Bagless Vacuum Operation — continued

### **Carpet Mode**

Select Carpet Mode for conventional vacuuming with a Powered Brush Roll and Powerful Suction. Use this setting when you wish to operate the power brush without the sanitizing light. The Mode Indicator will illuminate as RED.

### **Sanitize Mode**

Select the Sanitize Mode when you want to sanitize and vacuum your carpets and floors with Sanitizing Light and Powerful Suction. The Sanitizing Light Bulb will turn on when the Floor Sensors detect a surface. When the Sanitizing Light Bulb is on, the Mode Indicator will illuminate as BLUE. Use this setting when you wish to operate the sanitizing light without the roller brush. The Sanitizing Light Bulb will turn off when the Floor Sensors do not detect a surface, such as when the Sanitizing Power Head is lifted off the floor. When this occurs, the Mode Indicator will not be illuminated (turns off).

### **Both Mode (Carpet and Sanitize Modes Simultaneously)**

Select the Both Mode when you want to combine Sanitizing Light with a Powered Brush Roll and Powerful Suction. When the Sanitizing Light Bulb is on, the Mode Indicator will illuminate as PURPLE. The Sanitizing Light Bulb will turn off when the Floor Sensors do not detect a surface. When this occurs, the Mode Indicator will not be illuminated (turns off).

### **Surface Protection**

When the Sanitizing Power Head is held or left stationary on a surface (i.e., not moving) for more than 5 seconds, the Sanitizing Light Bulb will automatically turn off. When this occurs, the Mode Indicator will blink slowly (blink BLUE if in Sanitize Mode; blink PURPLE if in Both Mode). Once movement is re-initiated, the Sanitizing Light Bulb will turn back on and the Mode Indicator blinking will stop. This happens automatically and is one of the features designed into your canister vacuum to protect your surfaces.

### **Deep Pile (Shag) Carpet Operation**

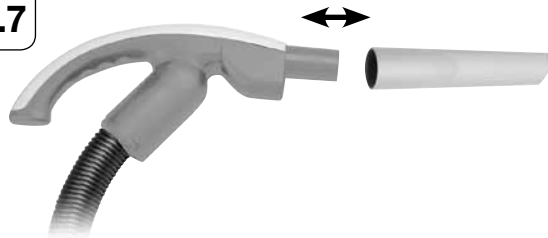
For best performance when sanitizing shag-type carpets, move the Sanitizing Power Head back-and-forth at a slightly faster pace than your normal vacuuming stroke. If the speed on shag-type carpet is too slow, the vacuum will enter the Surface Protection mode and the Mode Indicator will slowly blink BLUE or PURPLE. The blinking will stop once sufficient speed is achieved.

## 6. CleanWave® Sanitizing Bagless Vacuum Operation — continued

### 6.7 Using the Accessories

The accessories can be used by sliding them onto either the Wand Coupler of the Hose and Handle or to the Sanitizing Power Head Coupler of the Telescoping Wand.

6.7



#### Crevice Tool

Use the crevice tool in tight spaces, corners or along edges such as baseboards and stairs. You can use this tool in drawers, cupboards and upholstery.



#### Dusting Brush

Select the dusting brush to clean furniture, lamps, lighting fixtures, blinds, drapes, shutters, baseboards and registers.



#### Upholstery Tool

The upholstery tool can be used to clean upholstery, carpeted stairs and mattresses.

**Note:** Always unplug the CleanWave® Sanitizing Bagless Vacuum from the electrical outlet prior to completing any care and maintenance.

### Dirt Cup

Empty the Dirt Cup (A) after each use.

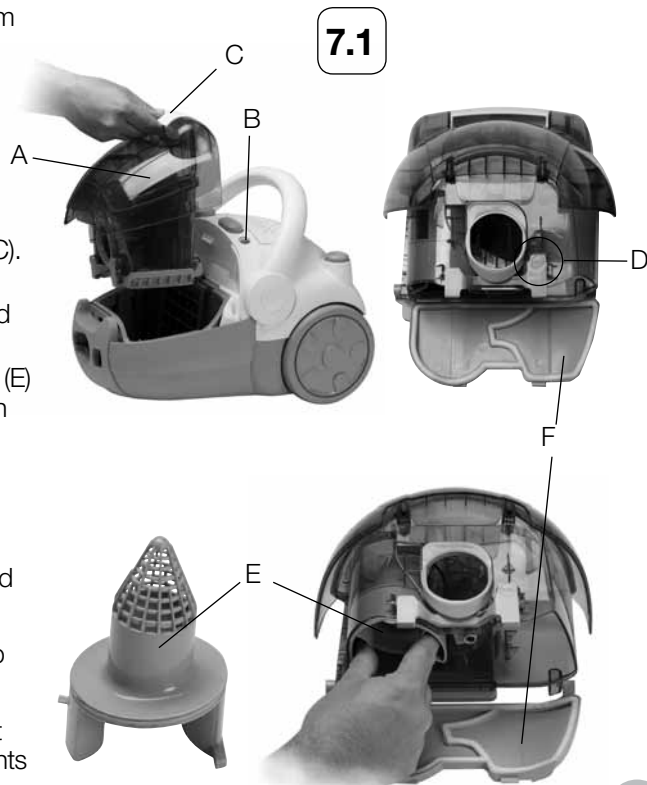
#### 7.1 How to Empty

1. Disconnect Power Cord from electrical outlet.
2. Remove the Dirt Cup (A) by lifting up on the Cup Release Latch (C).
3. Hold the Dirt Cup (A) over a garbage receptacle and press on the Lid Release Latch (D) to open and empty the Dirt Cup (A). For bed bug disposal, see note below.
4. After emptying the Dirt Cup (A), remove and clean the Cone Filter (E) by rotating counter-clockwise and pulling out. If desired, rinse with water, dry completely, and replace Cone Filter (E) by inserting and rotating clock-wise to lock.
5. Close the Lid (F) and slide Dirt Cup (A) into the canister until it securely latches.

**Note:** When disposing of bed bugs, tie or seal garbage bag tightly and immediately remove from home. Do not leave inside home.

**Note:** When removed, emptied, and with filters removed, the Dirt Cup (A) may be washed with mild detergent and water.

**Note:** The Cone Filter (E) is specially designed to trap and capture pet hair. This filter may require frequent cleaning if exposed to large amounts of pet hair.



## 7. Care and Maintenance — continued

### 7.2 Cleaning and Replacing Filters

For best performance, clean filters after each use. Replace filters periodically depending on frequency of use and the amount of dirt picked up with each use.

**Note:** If the Power Head Mode Indicator light begins to rapidly blink RED, the airflow may be blocked. The Low Airflow Indicator (A) may also be illuminated. Clean all filters as directed below.

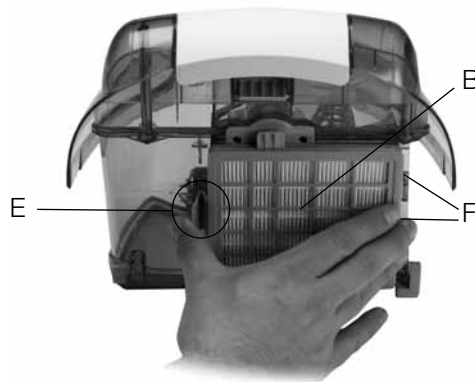
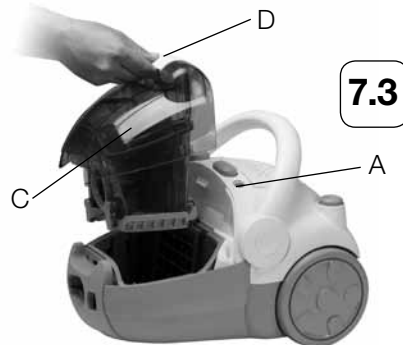
#### How to Clean

Before cleaning or replacing any filters, disconnect Power Cord from electrical outlet.

### 7.3 HEPA-12 Pre-Filter

The HEPA-12 Pre-Filter (B) is located outside dirt cup (C).

1. Remove the Dirt Cup (C) by lifting up on the Release Latch (D).
2. The HEPA-12 Pre-Filter (B) can be removed by pressing the Release Tab (E) and rotating away from the Dirt Cup (C).
3. Gently tap the filter on the inside of a garbage receptacle to remove excess dust and dirt.
4. Replace filter by aligning Hinge Tabs (F) and rotating into place until latched into the Dirt Cup (C).





### 7.4 Sponge Filter

The Sponge Filter is located behind the HEPA-12 Pre-Filter attached to the Dirt Cup.

1. Access the Sponge Filter by first removing the HEPA-12 Pre-Filter.
2. Grasp Sponge Filter and remove.
3. Hold filter under cold running water to remove dirt. Squeeze filter to remove excess water and allow to dry completely.
4. Replace filter into Dirt Cup with proper orientation.

**Note:** Assure the Sponge Filter and the HEPA-12 Pre-Filter are installed properly before replacing the Dirt Cup into the Canister.

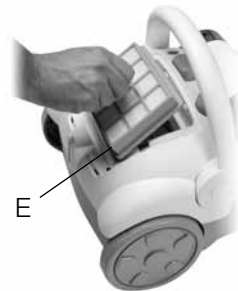
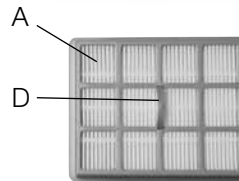
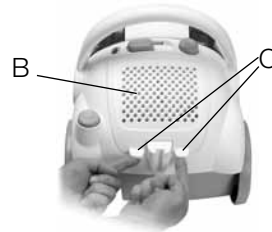


7.4

### 7.5 HEPA-12 Exhaust Filter

The HEPA-12 Exhaust Filter (A) is located under the Filter Access Panel (B) on the back of the canister.

1. Remove the the HEPA-12 Exhaust Filter (A) by lifting up on the Access Panel Tabs (C).
2. Grasp the filter by the tab (D) and lift away from canister.
3. Gently tap the filter on the inside of a garbage receptacle to remove excess dust and dirt.
4. Replace filter by first aligning filter's rear edge inside the lip of the recess and then rotate filter down flat into recess (E).
5. Replace Filter Access Panel (B) by first aligning capture tabs, then pressing down on the two Access Panel Tabs (C) to latch in place.



7.5

### 7.6 Replacement Filters

A Replacement Filter Kit is available for purchase. Please refer to the Replacement Part List in Table 7-1 on page 28.

## 7. Care and Maintenance — continued

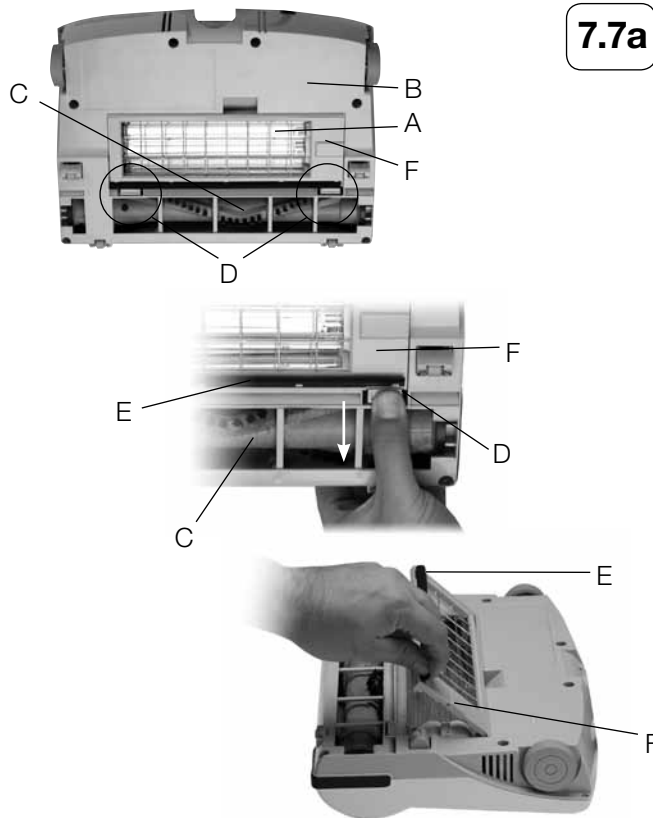
### 7.7 Cleaning and Replacing the Sanitizing Light Bulb

The Sanitizing Light Bulb (A) is located on the bottom of the Sanitizing Power Head (B).

**Note:** Before cleaning or replacing the Sanitizing Light Bulb (A), disconnect Power Cord from electrical outlet. Also disconnect the Sanitizing Power Head (B) from the Telescoping Wand.

1. Turn the Sanitizing Power Head (B) over (bottom up) with the Powered Brush Roll (C) closest to you.
2. With one hand, depress one Bulb Cover Release Tab (D) by pulling it toward the Powered Brush Roll (C).
3. With the other hand, grasp the Squeegee (E) near the Bulb Cover Release Tab (D) and gently lift the Bulb Cover (F).
4. Repeat Steps 2 and 3 for the other Bulb Cover Release Tab (D). The Bulb Cover (F) should now lift freely from the Sanitizing Power Head (B).
5. Wipe the Sanitizing Light Bulb (A) clean with a soft, dry cloth. Be careful not to leave fingerprints on the Sanitizing Light Bulb (A) or the Reflector.

7.7a

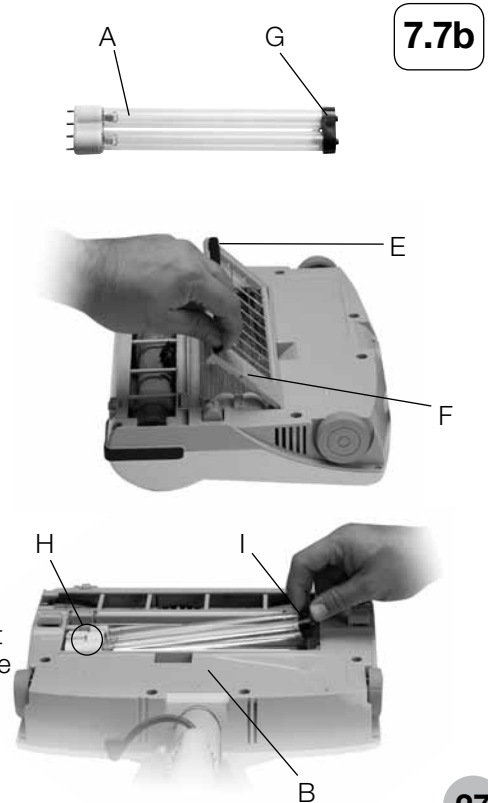


6. Should additional cleaning be required or if replacing the Sanitizing Light Bulb, remove the Sanitizing Light Bulb (A) by depressing the Bulb Socket Tab (H) with your thumb. Grasp the Bulb Cap Tab (I) with your other hand and lift the Bulb Cap (G) and Sanitizing Light Bulb (A) away from the Power Head (B).
7. Gently grasp the Sanitizing Light Bulb (A) and remove from Bulb Socket.
8. Wipe Sanitizing Light Bulb (A) and Reflector clean with a soft, dry cloth.
9. To re-install the Sanitizing Light Bulb (A), place the Bulb Cap (G) over end of the Sanitizing Light Bulb (A).
10. With your thumb, depress the Bulb Socket Tab (H).
11. Grasp the Sanitizing Light Bulb (A), align its four pin conductors with the four holes in the Bulb Socket. Firmly insert the Sanitizing Light Bulb (A) into the Bulb Socket.
12. Slide the Bulb Cap (G) end down into the Capture Slots (I) of the Sanitizing Power Head (B) to secure the Sanitizing Light Bulb (A) in place.
13. To replace the Bulb Cover (F), first assure the Squeegee (E) is slid on completely. Grasp the Bulb Cover (F) by the Squeegee (E) with both hands, place opposite edge into recessed slots, rotate down and press firmly until latched securely.

**Note:** Use only Verilux Sanitizing Light Bulbs. Use of non-Verilux light bulbs can result in damage to the unit. To order a replacement Verilux Sanitizing Light Bulb, refer to the Replacement Part List on Table 7-1.

### 7.8 Sanitizing Light Bulb Disposal

If disposing of a Verilux Sanitizing Light Bulb, follow local regulations for proper disposal. For more information, see [www.lamprecycle.org](http://www.lamprecycle.org) or call 1-866-666-6850.



## 7. Care and Maintenance — continued

### 7.9 Replacement Part List

For ordering information, see below.

**Table 7-1 Replacement Part List**

Replacement Part	Part Number	Price*
Telescoping Wand	VH04WD1	\$39.95
Hose and Handle	VH04HH1	\$39.95
Belt and Brush Roll Kit (Drive Belt, Brush Roll)	VH04BR1	\$14.95
UV Bulb Kit (Sanitizing Light Bulb, Bulb Cap)	VH04RB1	\$14.95
Bulb Cover Kit (Bulb Cover, Grill, Squeegee)	VH04BC1	\$9.95
Attachment Kit (Crevice Tool, Dusting Brush, Upholstery Tool)	VH04AK1	\$9.95
Filter Kit (HEPA-12 Pre-Filter, HEPA-12 Exhaust Filter, Sponge Filter)	VH04RF1	\$14.95

*\*Prices do not include Shipping & Handling, and are subject to change without notice.*

**To order please visit our web site at [www.verilux.com](http://www.verilux.com)**

or Call our Order Department at

**1-800-454-4408**

Monday – Saturday 8 AM – 10 PM; Sunday 9 AM – 8 PM Eastern Time

Canadian Customers Order by Phone Only

**1-800-786-6850**

### 8.1 Troubleshooting

To troubleshoot your vacuum, see Table 8-1 below.

**Note:** Always turn off the vacuum and disconnect the power cord from the electrical outlet before troubleshooting or servicing.

**Table 8-1 Troubleshooting Your Vacuum**

Problem	Possible Cause	Possible Solution	Reference
Vacuum cleaner will not run, or runs intermittently	Switch not “ON” on Canister.	Toggle switch to “ON” on canister.	6.3
	Switch not “ON” on Hose/Handle.	Toggle switch to “ON” on hose handle.	6.4
	No voltage at wall electrical outlet.	Try a different electrical outlet or contact a licensed electrician.	N/A
	Power cord not securely plugged in.	Plug power cord securely in wall electrical outlet.	6.2
Poor Suction: Canister / Sanitizing Power Head	Filter(s) are dirty or clogged.	Clean or replace filters.	7.1—7.6
	Dirt Cup is full.	Empty Dirt Cup.	7.1
	Blockage in Sanitizing Power Head Syphon, Wand or Hose.	Carefully remove blockage.	N/A
	Suction power controls open.	Slide Suction Control Slider to maximum position and Airflow Selector to closed position; set Floor Selector for bare floors.	6.3—6.5
	Loose hose or wand connection.	Check that all hose and wand connections are secured properly.	5.1—5.3

## 8. Troubleshooting — continued

Problem	Possible Cause	Possible Solution	Reference
Sanitizing Power Head will not run, or runs intermittently	Sanitizing Power Head Coupler or Wand Coupler not securely fastened.	Assure Sanitizing Power Head and Hose/Handle are firmly connected.	5.3
	Hose Power Plug not plugged into Canister	Firmly insert Hose Power Plug.	5.1
	Switch not “ON” on Hose/Handle.	Toggle switch to “ON” on hose handle.	6.4
Sanitizing Light Bulb does not illuminate	Floor Sensors may not be properly activated.	Assure the Floor Sensors actuate properly when Sanitizing Power Head lies flat on cleaning surface.	NA
	Sanitizing Power Head is stationary.	Push Sanitizing Power Head back and forth. If the Sanitizing Power Head is stationary for 5 or more seconds, the Sanitizing Light Bulb will turn off.	6.6 Floor Protection
	Sanitizing Light Bulb may be burned out.	Replace Sanitizing Light Bulb.	7.7
Sanitizing Light Bulb turns off unexpectedly	Sanitizing Power Head is stationary.	Push Sanitizing Power Head back and forth. If the Sanitizing Power Head is stationary for 5 or more seconds, the Sanitizing Light Bulb will turn off.	6.6 Floor Protection
	Deep Pile (Shag) Carpet	Move the Sanitizing Power Head back-and-forth at a slightly faster pace than your normal vacuuming stroke.	6.6 Deep Pile (Shag) Carpet Operation

**Note:** Any other servicing should only be completed by authorized service personnel.

### **ATTENTION! ONCE OPENED, PLEASE DO NOT RETURN THIS PRODUCT TO THE STORE WHERE IT WAS PURCHASED FOR REPAIR OR REPLACEMENT!**

Many questions may be answered by visiting [www.verilux.com](http://www.verilux.com), or you may call our Customer Service Department at 800-786-6850 during normal business hours.

This limited warranty is provided by: Verilux, Inc., 340 Mad River Park, Waitsfield, VT 05673

#### **Covered By This Warranty**

Verilux warrants this product when used and maintained in normal household use and in accordance with the Owner's Manual to be free from original defects in material and workmanship for a period of five years from the date of the original retail purchase (the "Limited Warranty Period") from Verilux or an authorized Verilux distributor. During the limited warranty period, Verilux, Inc. will, at its option, repair or replace defective parts of this product, at no charge to the customer, to correct any such defects.

#### **Not Covered By This Warranty**

This warranty does not cover the brush roll, drive belt, UV-C bulb, motor brushes, wheels or the filters. This warranty does not include any postage, freight, handling, insurance, or delivery fees. This warranty does not cover damage, defect or failure caused by or resulting from accident, external destruction, alteration, modification, abuse, misuse or misapplication of this product. This warranty does not cover damage to the product resulting from return shipping or handling. The use of shipping insurance is recommended to help protect your product.

#### **Additional Warranty Terms**

This warranty is non-transferable and may not be assigned. The Limited Warranty Period will not be extended by any replacement or repair performed under this warranty.

THIS WARRANTY IS THE EXCLUSIVE WARRANTY AND REMEDY, ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE, ARE DISCLAIMED, IN NO EVENT WILL VERILUX BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND OR NATURE TO OWNER OR ANY PARTY CLAIMING THROUGH OWNER, WHETHER BASED IN CONTRACT, NEGLIGENCE, TORT OR STRICT PRODUCTS LIABILITY OR ARISING FROM ANY CAUSE WHATSOEVER. Some states do not allow the exclusion of consequential damages, so the above exclusion may not apply to you. This warranty gives you specific rights; you may also have others that vary from state to state.

#### **Making A Warranty Claim**

**Proof of purchase is required for all warranty claims. Return Authorization is required for all returns.** To obtain a Return Authorization, please contact the Verilux Customer Service Department at 800-786-6850.

If, during the first five years of ownership, this product fails to operate properly, it should be returned as specified at [www.verilux.com/warrantyreplacement](http://www.verilux.com/warrantyreplacement) or as instructed by a Verilux customer service representative at 800-786-6850.

Due to ongoing improvements, the actual product may have slight variations from the product described in this manual.

**Please visit our website at [www.verilux.com](http://www.verilux.com) or call our Customer Service Department at**

**1-800-786-6850**

Representatives are available Monday — Friday, 9 AM — 5 PM Eastern Time

***Do not return product for warranty claim without a Return Authorization number.***

